

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054832.D
 Acq On : 31 Mar 2019 5:17
 Operator : JC/SP
 Sample : K1685-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-032819-B

Quant Time: Apr 01 01:41:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	500212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	839751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	714405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	261578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	344629	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
35) Dibromofluoromethane	7.59	113	265920	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
50) Toluene-d8	10.09	98	1003571	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.40	95	309924	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	

Target Compounds

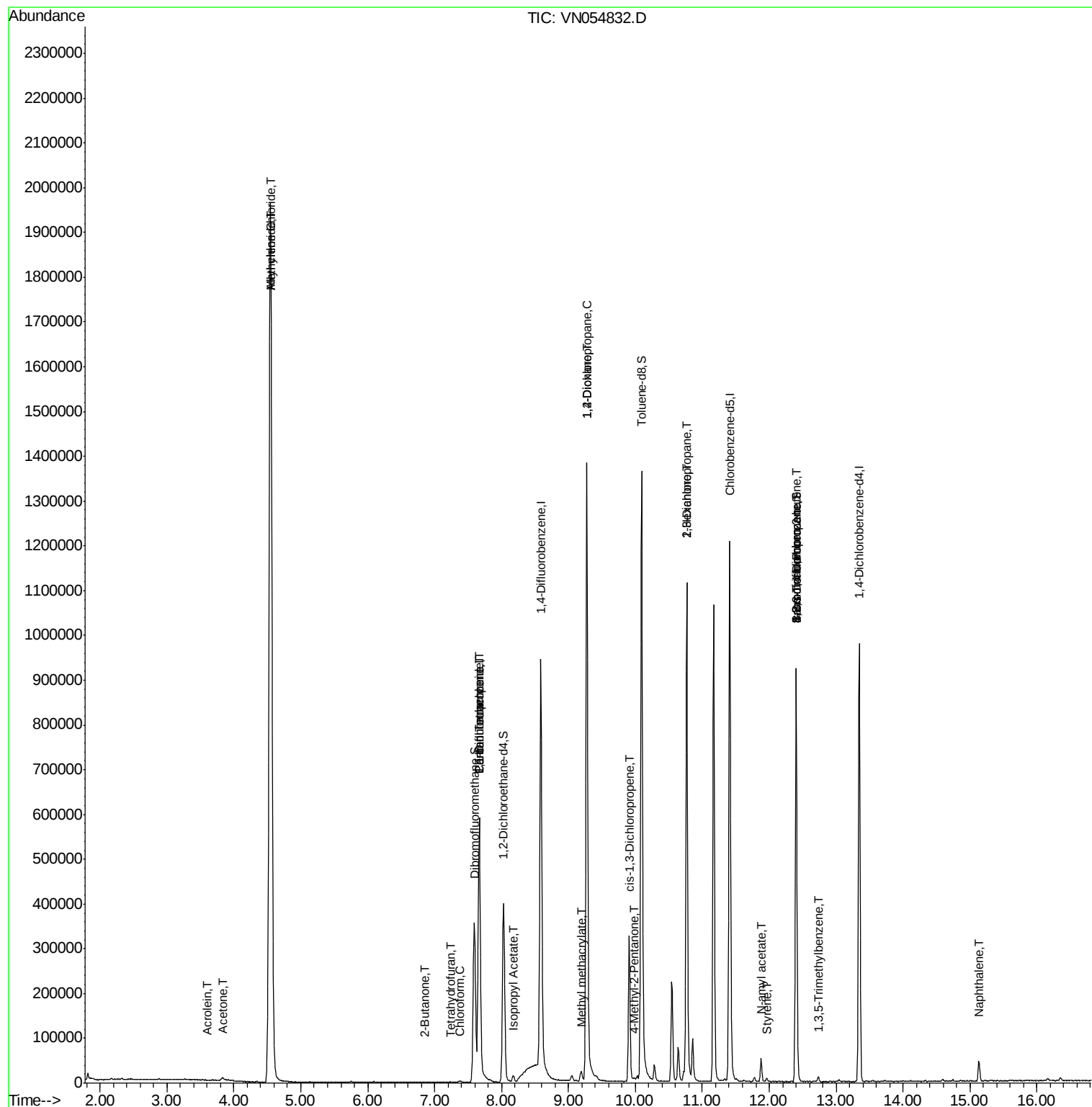
					Qvalue	
5) Bromomethane	2.58	94	255	Below Cal	#	2
13) Acrolein	3.60	56	344	1.095	ug/l	95
14) Allyl chloride	4.54	41	60519	6.249	ug/l #	22
16) Acetone	3.82	43	9119	5.671	ug/l #	84
18) Methyl Acetate	4.34	43	2025	Below Cal	#	79
20) Methylene Chloride	4.55	84	1364774	240.618	ug/l #	83
25) 2-Butanone	6.86	43	541	0.228	ug/l #	85
29) Tetrahydrofuran	7.23	42	666	0.403	ug/l #	30
30) Chloroform	7.37	83	3159	0.324	ug/l	86
31) Cyclohexane	7.66	56	10368	Below Cal	#	4
36) 1,1-Dichloropropene	7.66	75	39874	5.096	ug/l #	48
38) Carbon Tetrachloride	7.67	117	47383	6.235	ug/l #	16
43) Isopropyl Acetate	8.18	43	16487	1.768	ug/l #	93
45) 1,2-Dichloropropane	9.27	63	1546	0.242	ug/l #	43
48) Methyl methacrylate	9.18	41	9833	1.946	ug/l #	11
49) 1,4-Dioxane	9.27	88	113	2.253	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4950	0.944	ug/l #	86
54) cis-1,3-Dichloropropene	9.91	75	54896	6.545	ug/l #	73
57) 1,3-Dichloropropane	10.77	76	11336	1.331	ug/l #	43
59) 2-Hexanone	10.77	43	183022	54.540	ug/l #	47
70) Styrene	11.96	104	3173	0.217	ug/l #	88
71) Bromoform	12.39	173	710	0.231	ug/l #	28
74) N-amyl acetate	11.88	43	18625	2.796	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.40	83	99	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	160995	35.429	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4994	0.285	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	160995	137.808	ug/l #	11
83) tert-Butylbenzene	13.04	119	250	Below Cal	#	58
95) Naphthalene	15.13	128	37793	4.009	ug/l	99

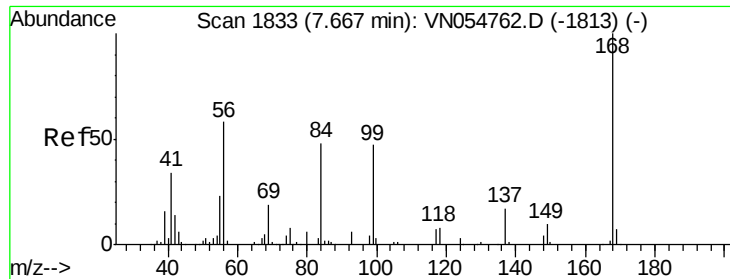
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

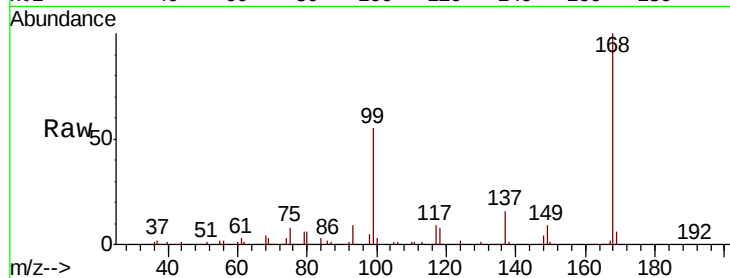
AU-06-032819-B

Tot Ion:168 Resp: 500212

Ion Ratio Lower Upper

168 100

99 55.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

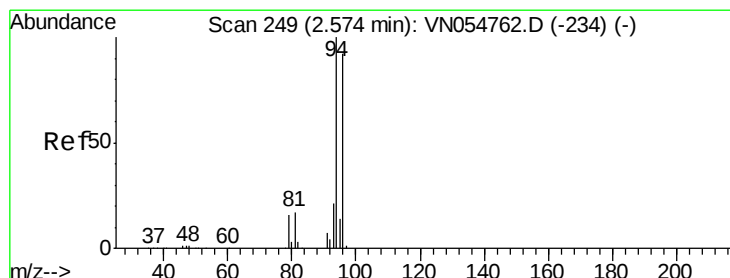
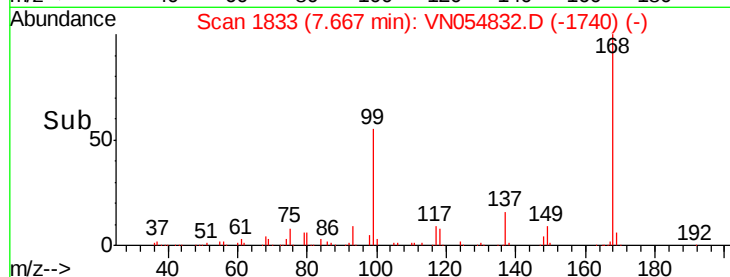
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN054832.D

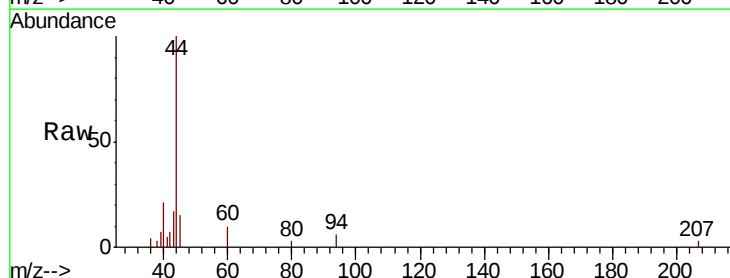
Acq: 31 Mar 2019 5:17

Tgt Ion: 94 Resp: 255

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VN

2.58

300

250

200

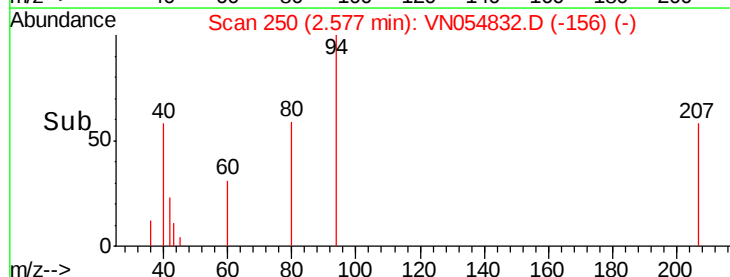
150

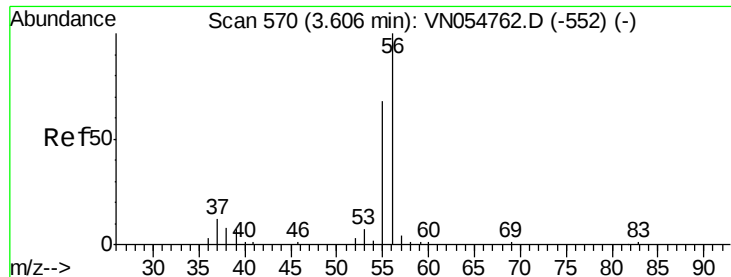
100

50

0

Time-->





#13

Acrolein

Concen: 1.095 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

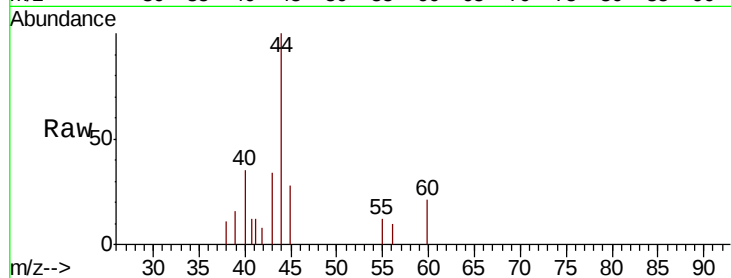
AU-06-032819-B

Tot Ion: 56 Resp: 344

Ion Ratio Lower Upper

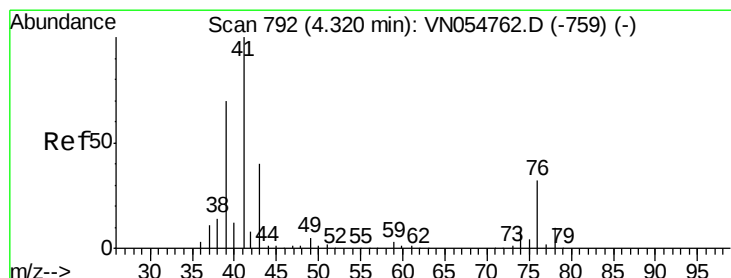
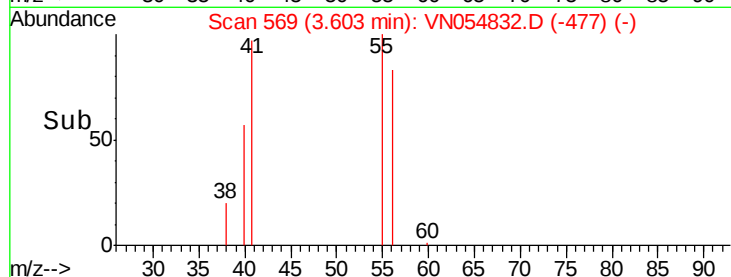
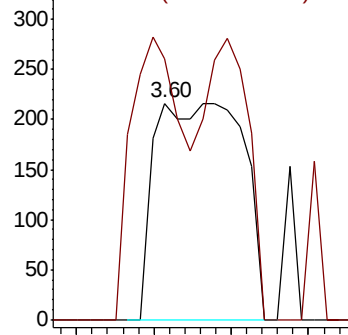
56 100

55 75.3 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 6.249 ug/l

RT: 4.54 min Scan# 861

Delta R.T. 0.22 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

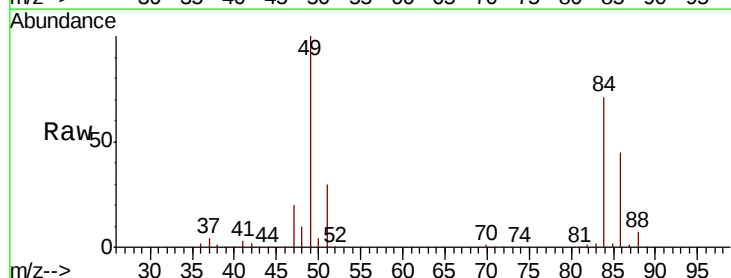
Tgt Ion: 41 Resp: 60519

Ion Ratio Lower Upper

41 100

39 1.6 58.2 87.4#

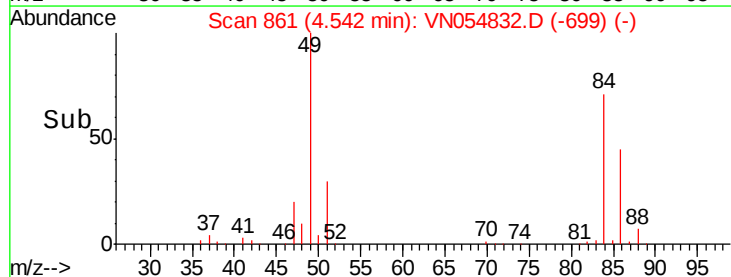
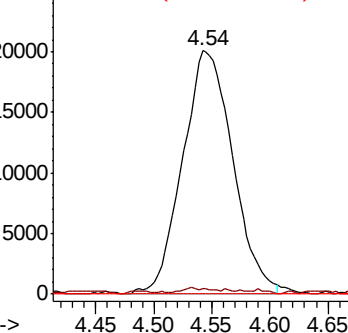
76 0.0 31.7 47.5#

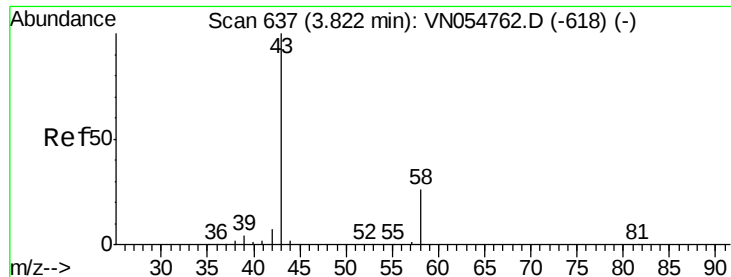


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#16

Acetone

Concen: 5.671 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

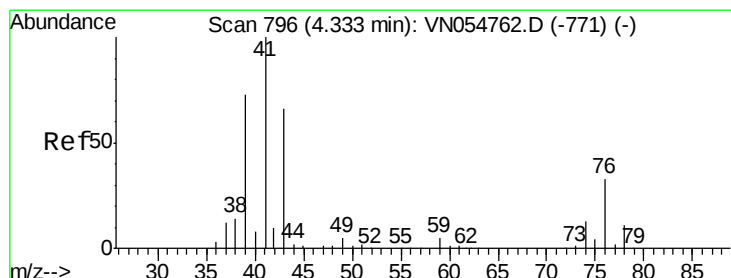
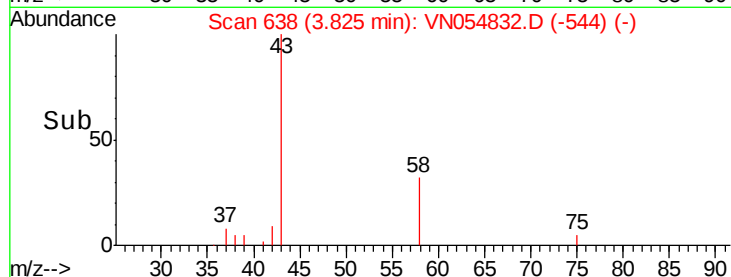
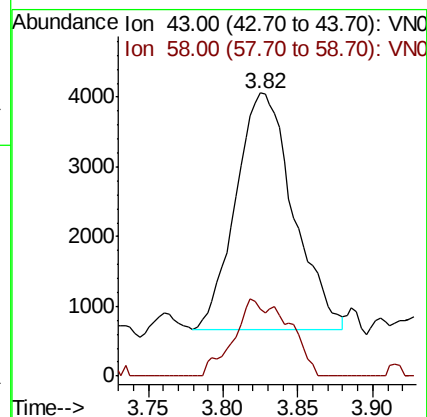
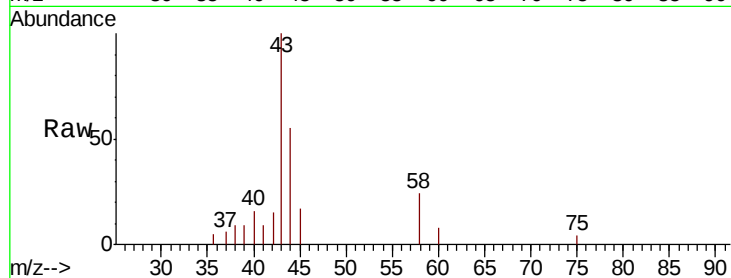
AU-06-032819-B

Tot Ion: 43 Resp: 9119

Ion Ratio Lower Upper

43 100

58 28.1 29.9 44.9#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 799

Delta R.T. 0.01 min

Lab File: VN054832.D

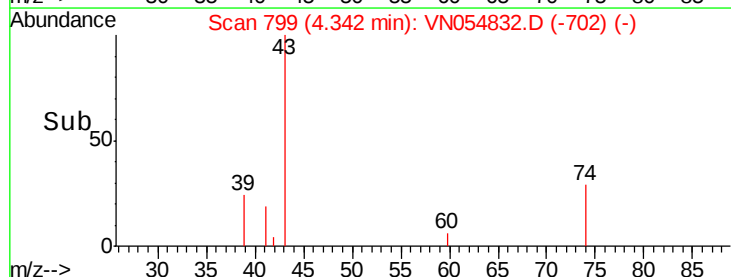
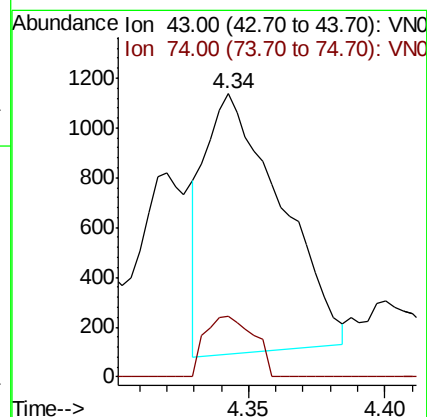
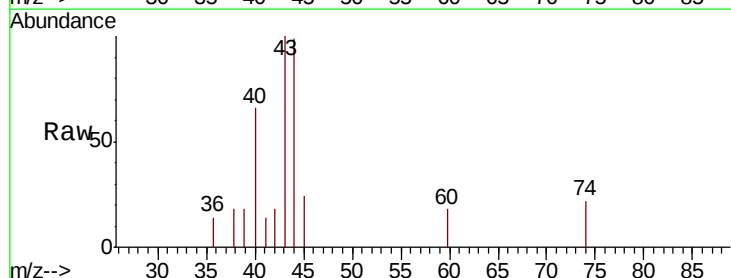
Acq: 31 Mar 2019 5:17

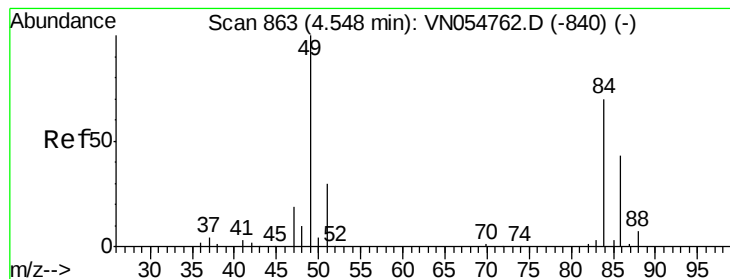
Tgt Ion: 43 Resp: 2025

Ion Ratio Lower Upper

43 100

74 15.1 20.8 31.2#





#20

Methvlene Chloride

Concen: 240.618 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.00 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

AU-06-032819-B

Tot Ion: 84 Resp: 1364774

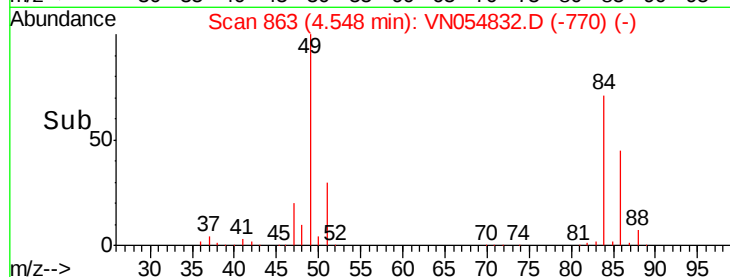
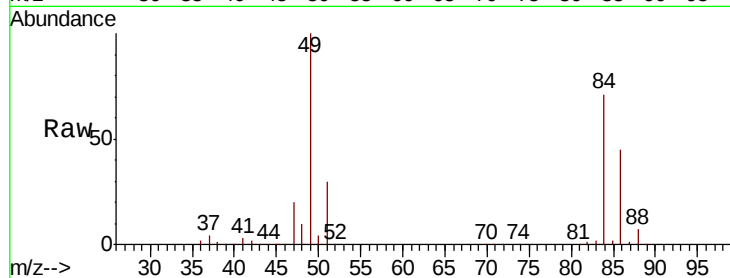
Ion Ratio Lower Upper

84 100

49 141.7 89.7 134.5#

51 43.1 28.2 42.4#

86 63.7 50.8 76.2

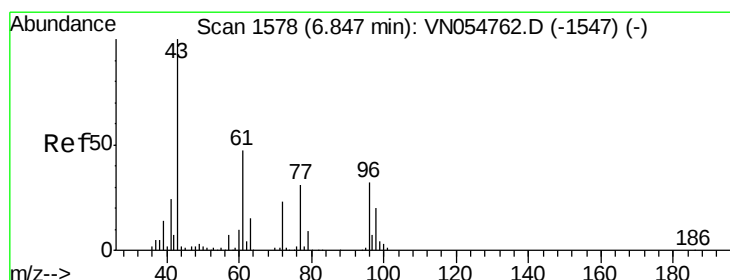
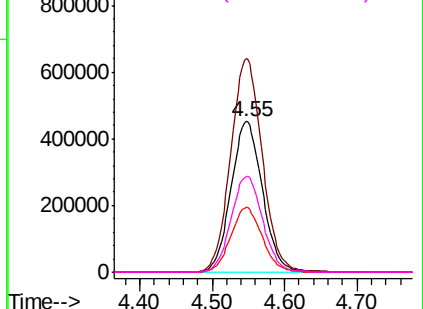


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#25

2-Butanone

Concen: 0.228 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VN054832.D

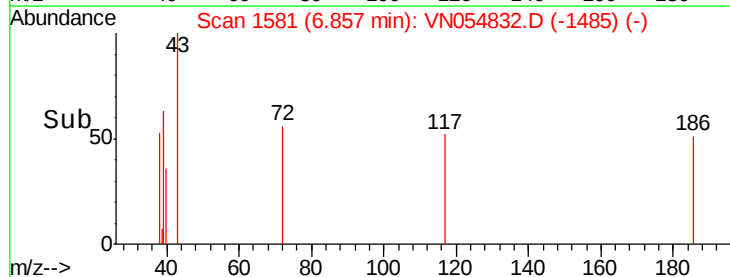
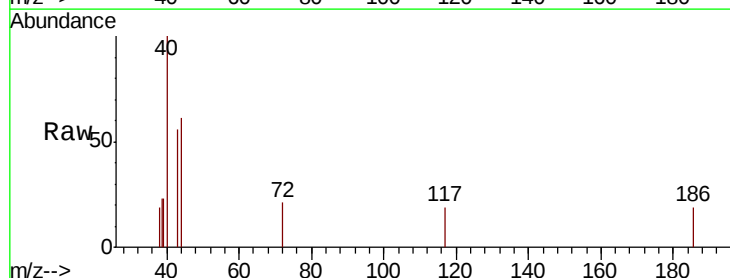
Acq: 31 Mar 2019 5:17

Tgt Ion: 43 Resp: 541

Ion Ratio Lower Upper

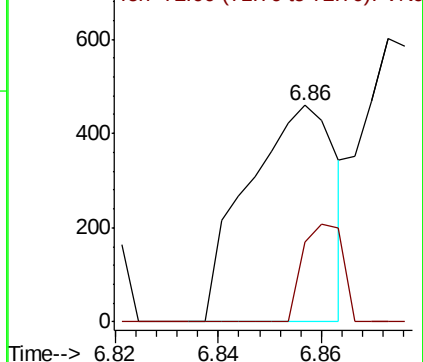
43 100

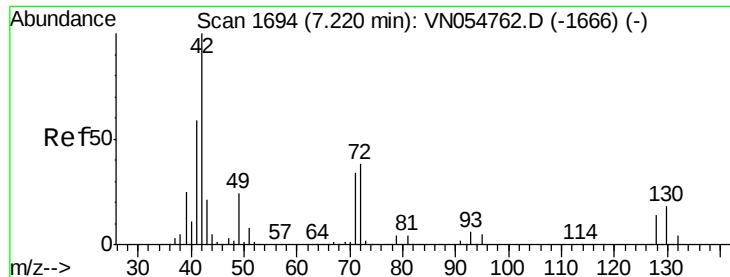
72 36.8 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 0.403 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

AU-06-032819-B

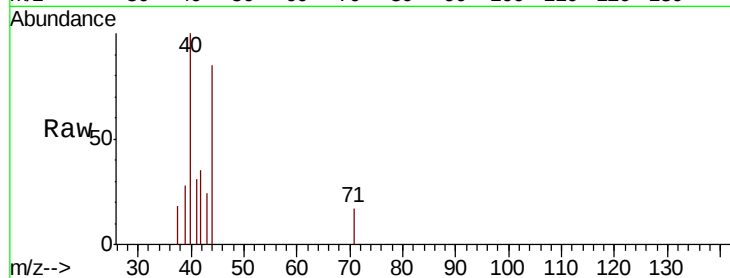
Tot Ion: 42 Resp: 666

Ion Ratio Lower Upper

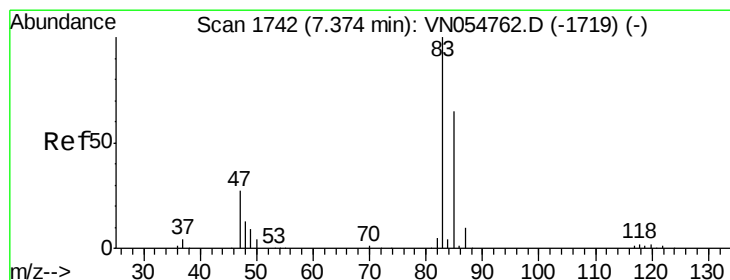
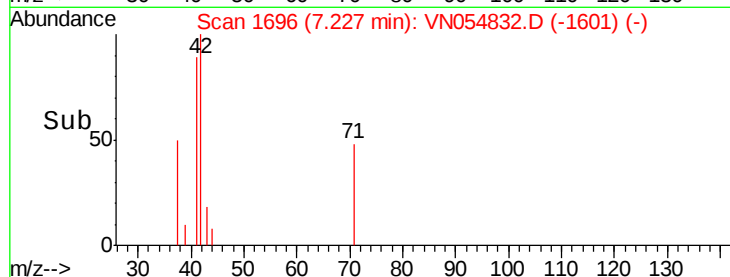
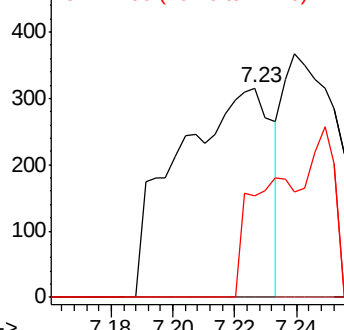
42 100

72 0.0 37.8 56.6#

71 0.0 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO



#30

Chloroform

Concen: 0.324 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN054832.D

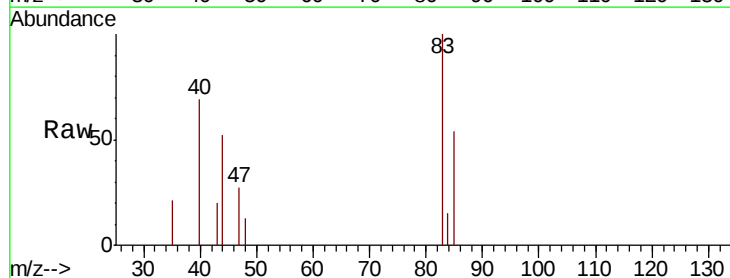
Acq: 31 Mar 2019 5:17

Tgt Ion: 83 Resp: 3159

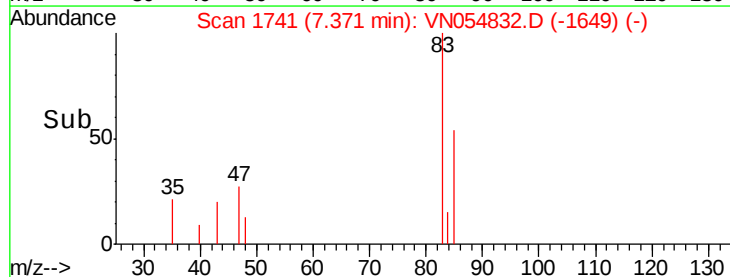
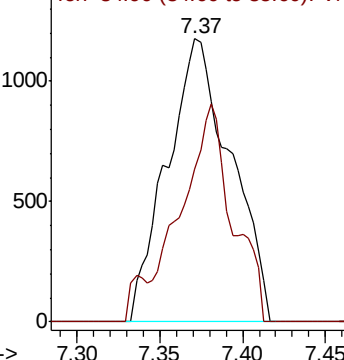
Ion Ratio Lower Upper

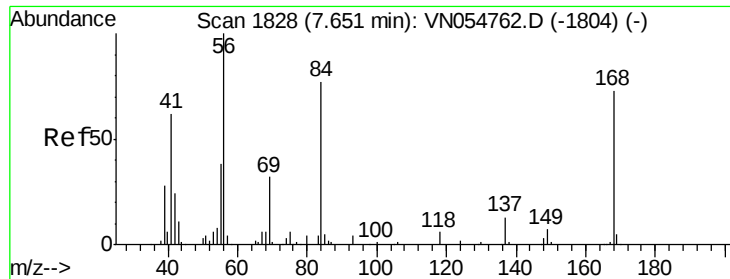
83 100

85 54.0 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO

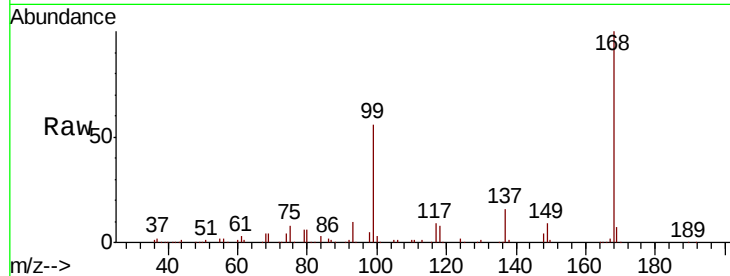




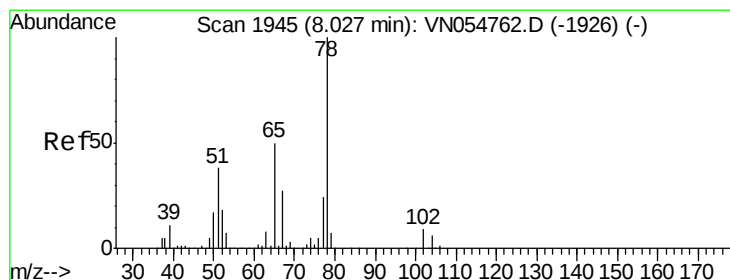
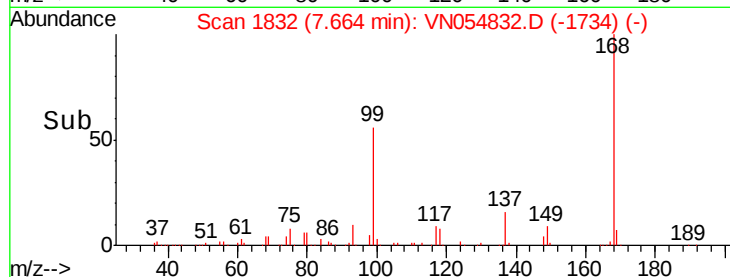
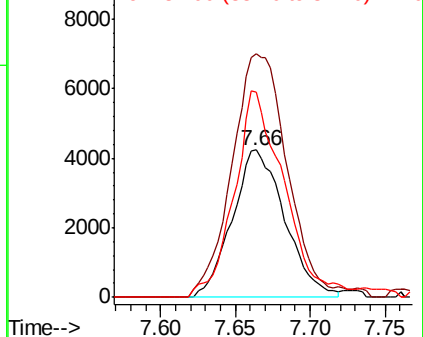
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument :
MSVOA_N
ClientSampleId :
AU-06-032819-B

Tot Ion: 56 Resp: 10368
Ion Ratio Lower Upper
56 100
69 165.2 27.8 41.6#
84 139.6 74.6 111.8#

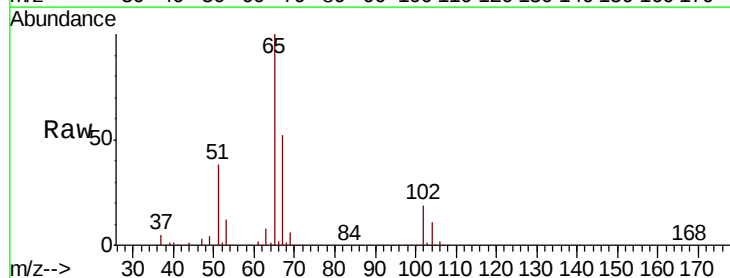


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

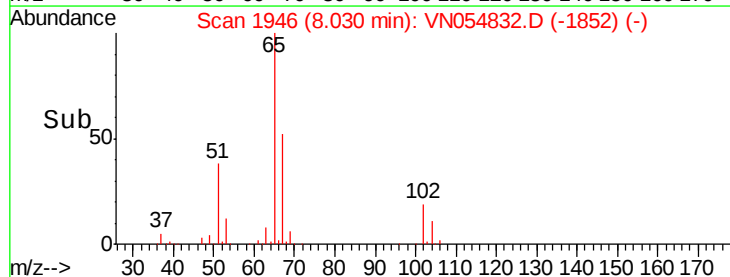
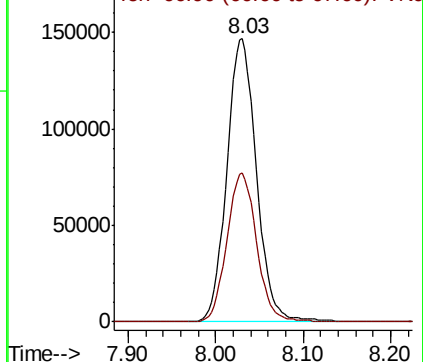


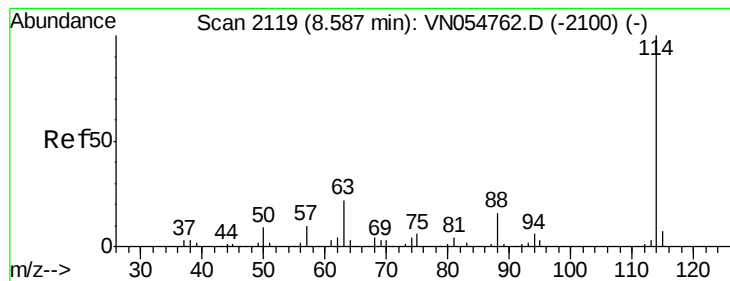
#33
1,2-Dichloroethane-d4
Concen: 51.109 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion: 65 Resp: 344629
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

AU-06-032819-B

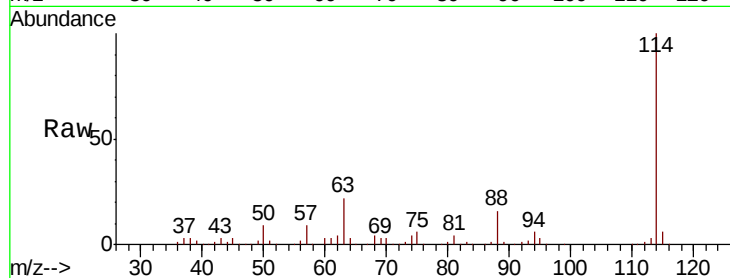
Tot Ion:114 Resp: 839751

Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.2

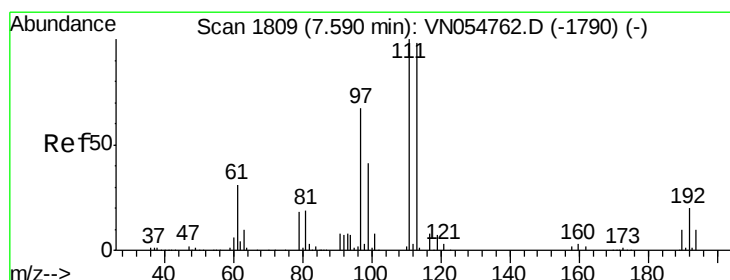
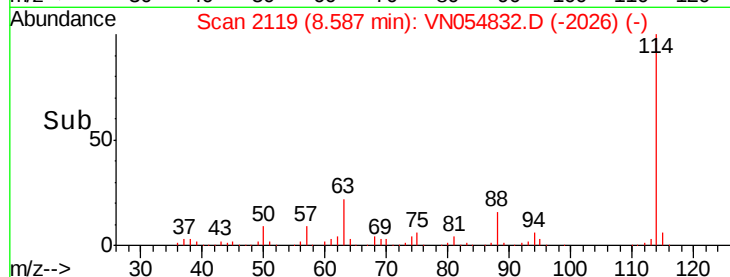
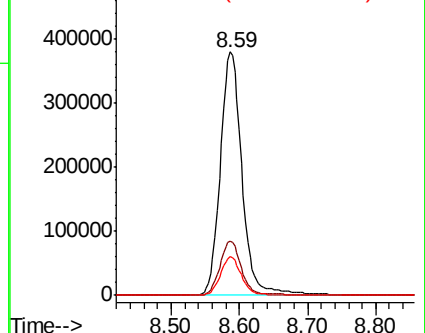
88 15.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.498 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

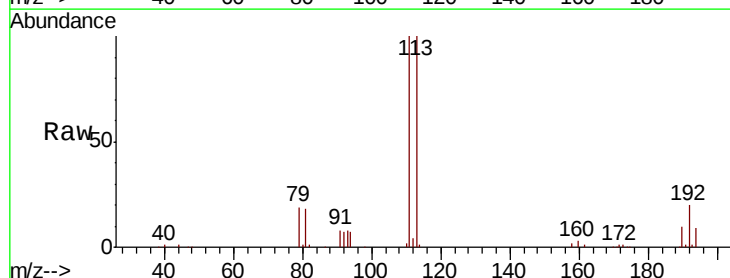
Tgt Ion:113 Resp: 265920

Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

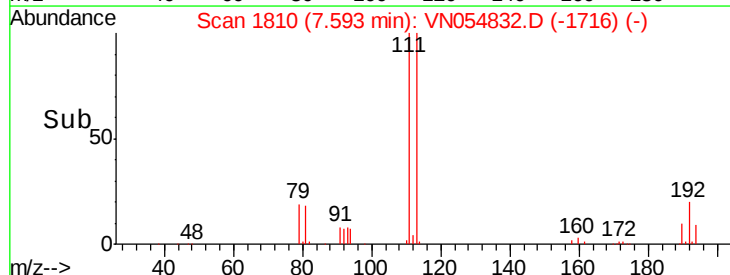
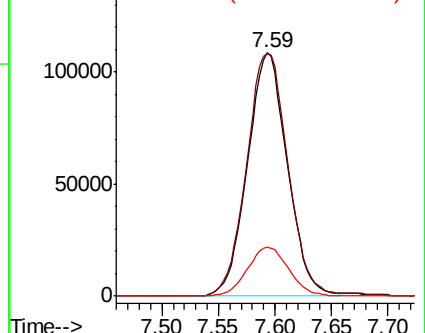
192 21.0 19.2 28.8

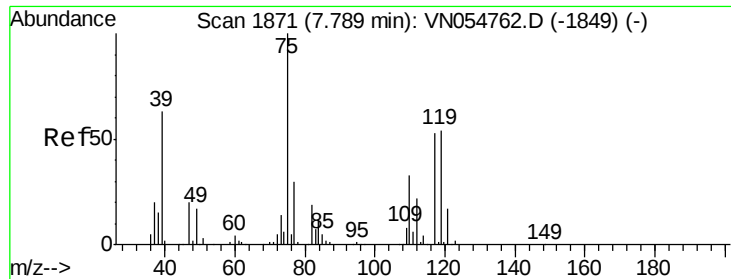


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

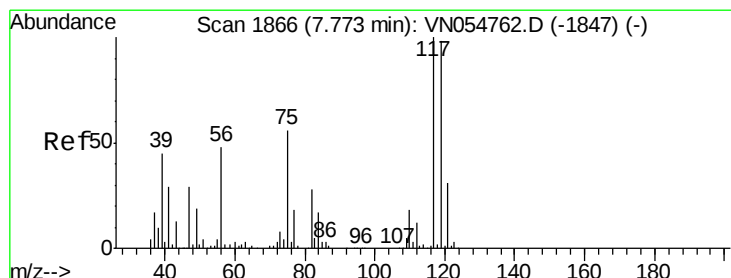
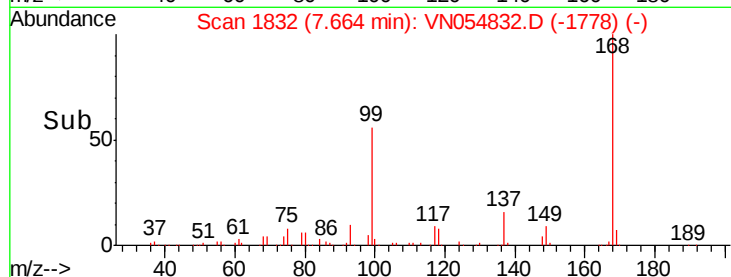
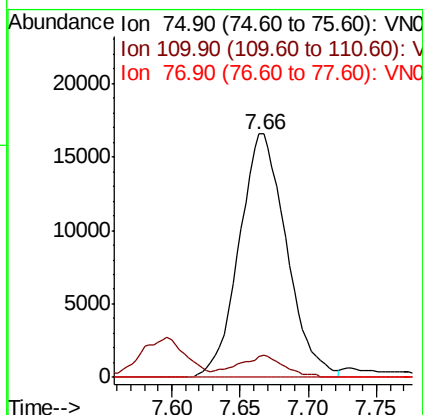
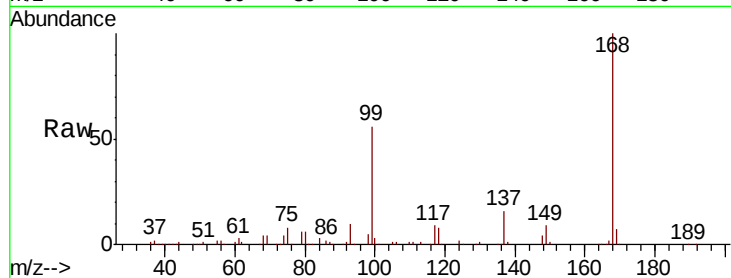




#36
 1,1-Dichloropropene
 Concen: 5.096 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054832.D
 Acq: 31 Mar 2019 5:17

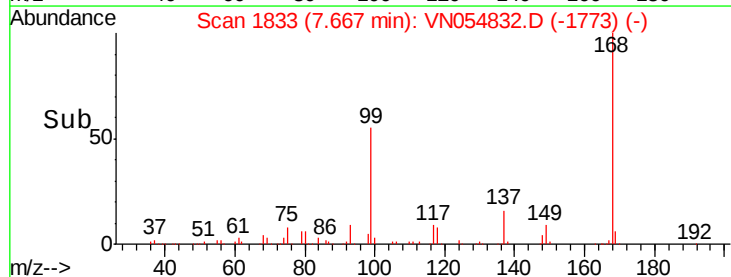
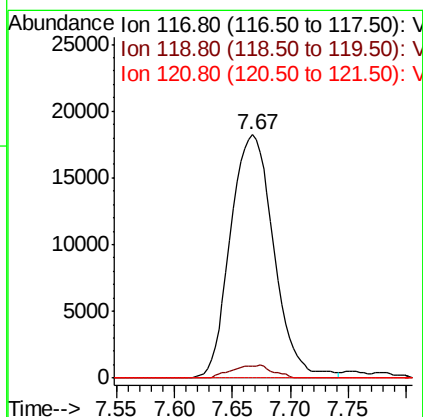
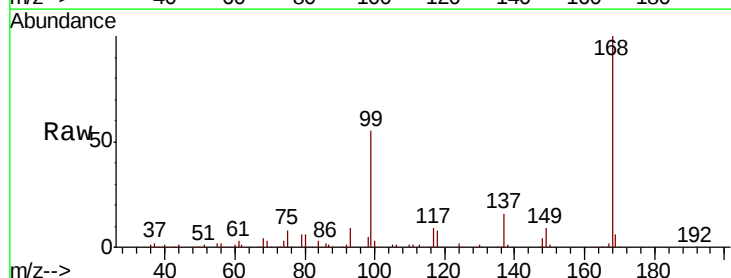
Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-032819-B

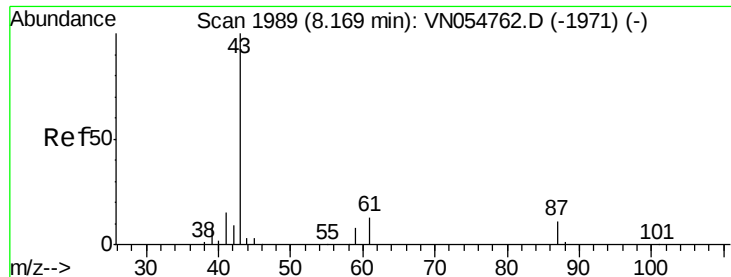
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.235 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN054832.D
 Acq: 31 Mar 2019 5:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 1.768 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

AU-06-032819-B

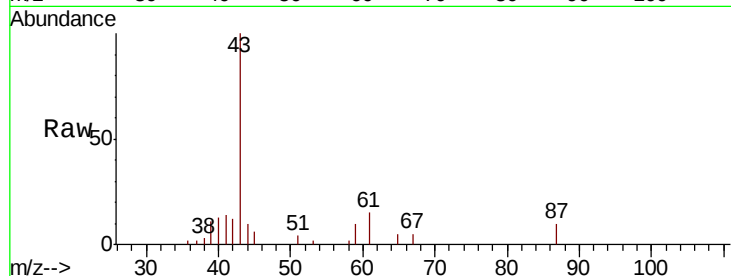
Tot Ion: 43 Resp: 16487

Ion Ratio Lower Upper

43 100

61 17.4 15.8 23.8

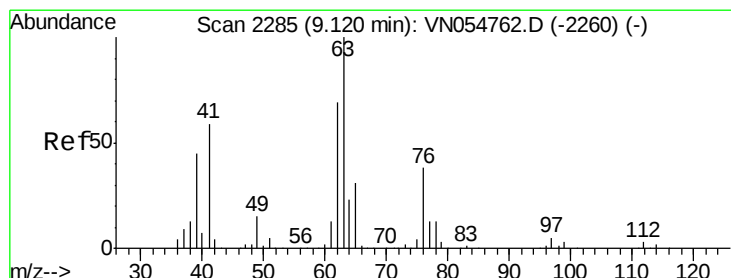
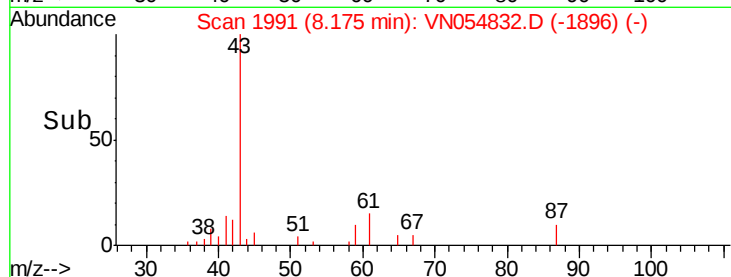
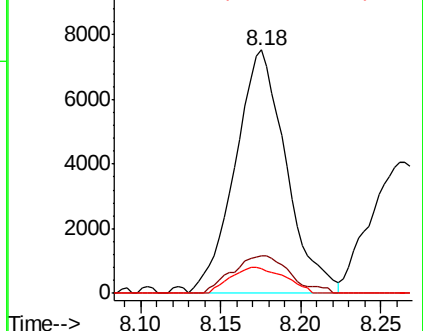
87 11.3 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.242 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN054832.D

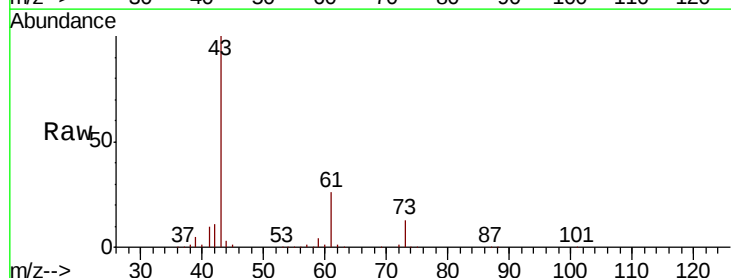
Acq: 31 Mar 2019 5:17

Tgt Ion: 63 Resp: 1546

Ion Ratio Lower Upper

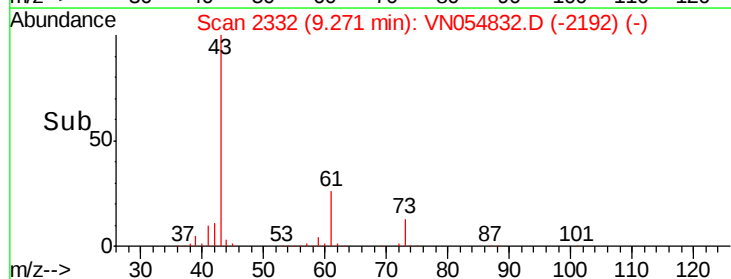
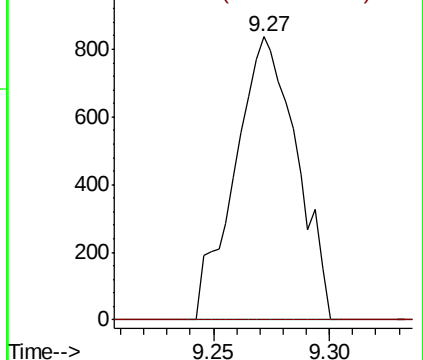
63 100

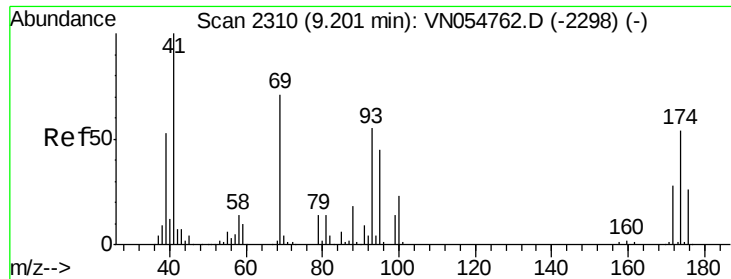
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

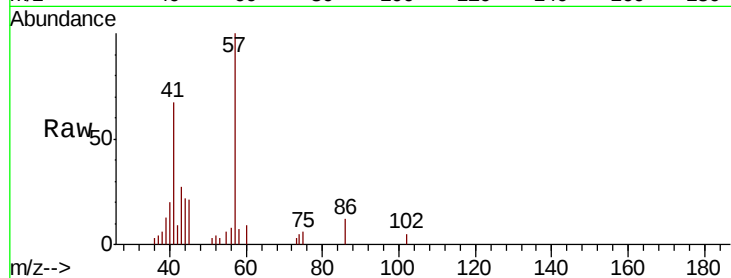




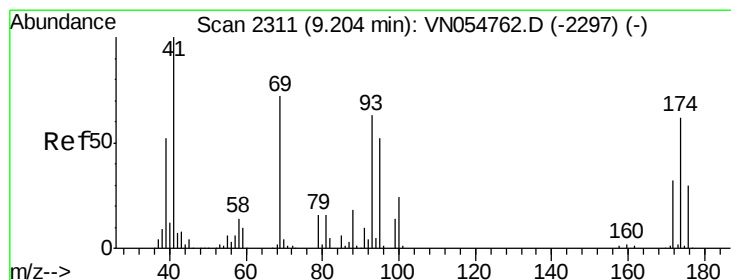
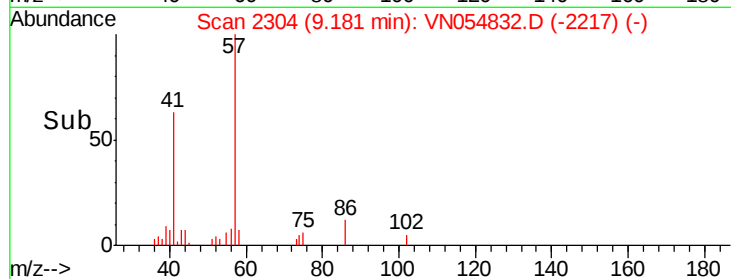
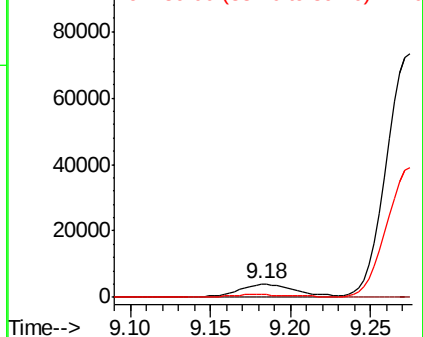
#48
Methvl methacrylate
Concen: 1.946 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument :
MSVOA_N
ClientSampleId :
AU-06-032819-B

Tot Ion: 41 Resp: 9833
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#

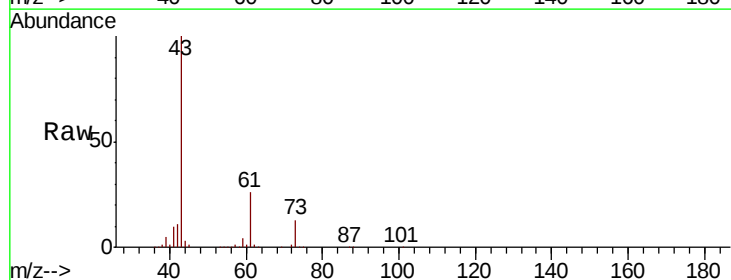


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

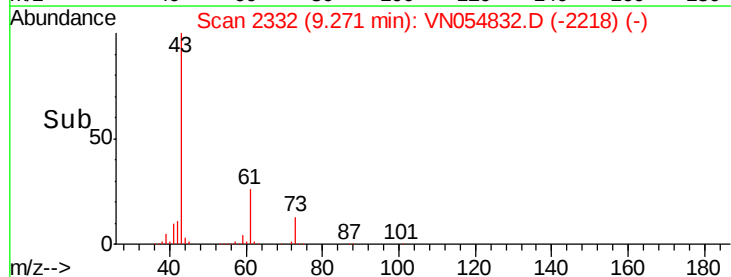
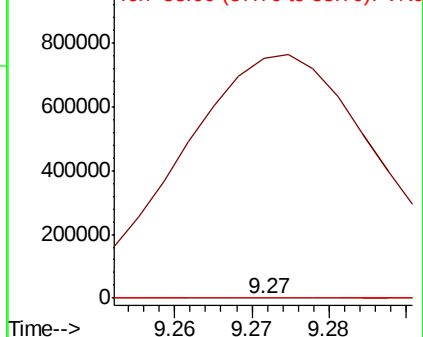


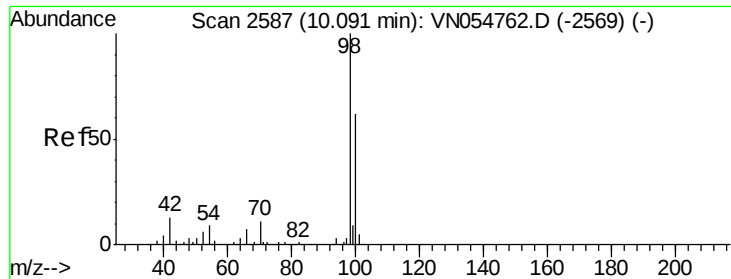
#49
1,4-Dioxane
Concen: 2.253 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion: 88 Resp: 113
Ion Ratio Lower Upper
88 100
43 1338043.4 24.1 36.1#
58 5496.5 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 48.216 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

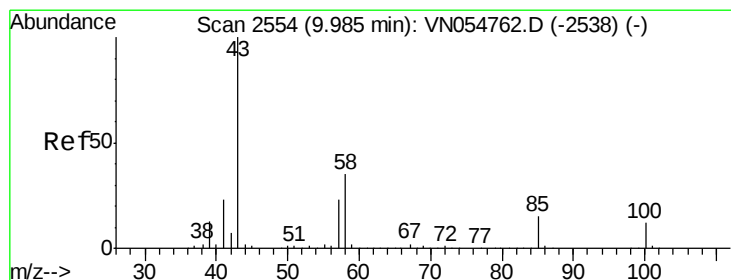
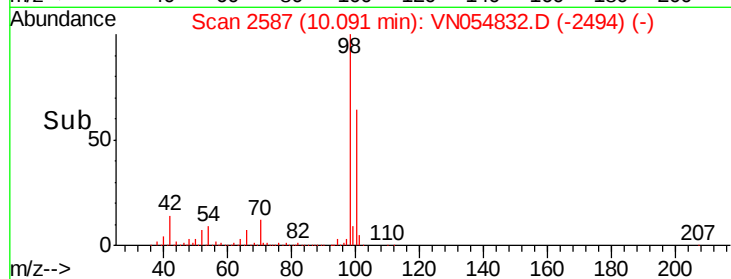
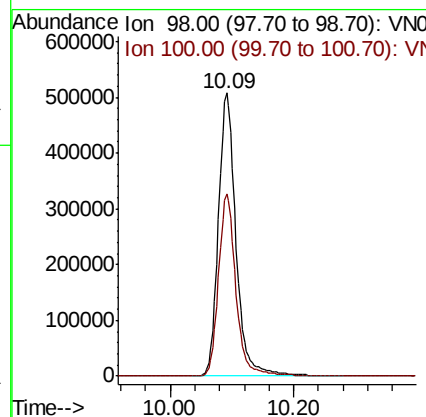
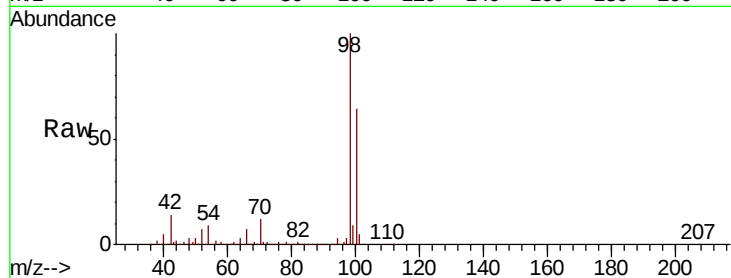
AU-06-032819-B

Tot Ion: 98 Resp: 1003571

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 0.944 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054832.D

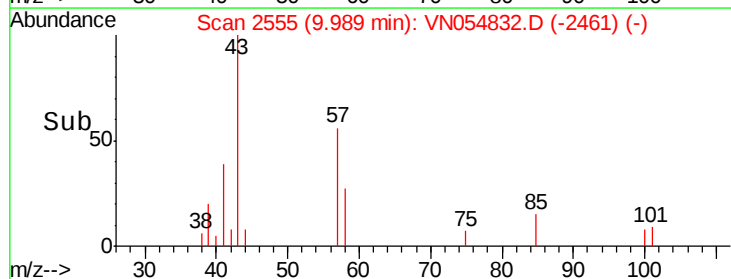
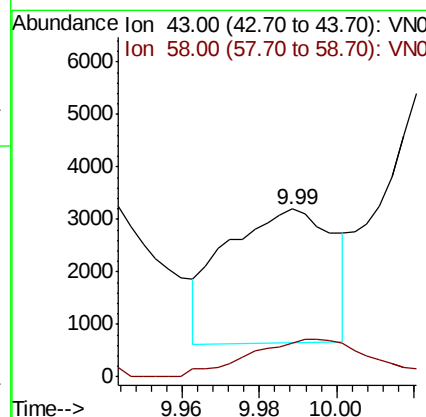
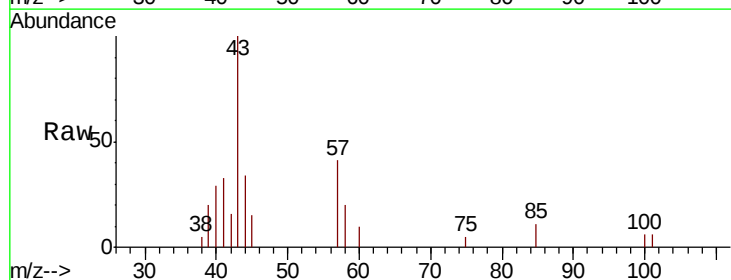
Acq: 31 Mar 2019 5:17

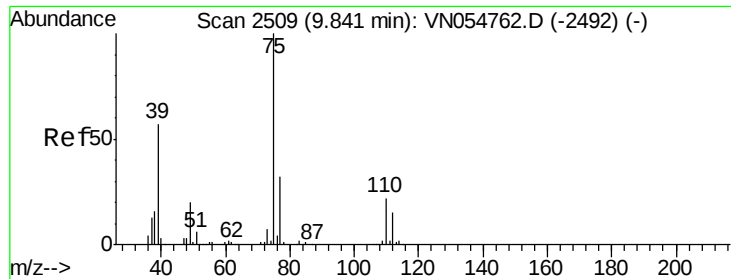
Tgt Ion: 43 Resp: 4950

Ion Ratio Lower Upper

43 100

58 30.8 31.8 47.6#



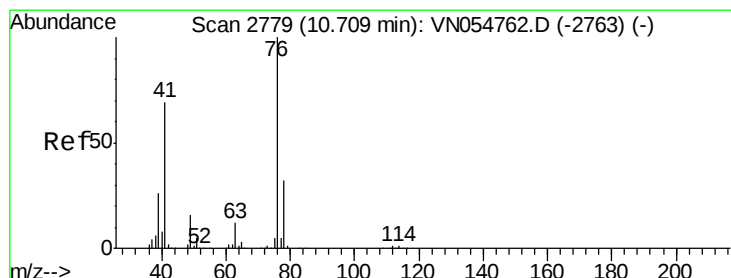
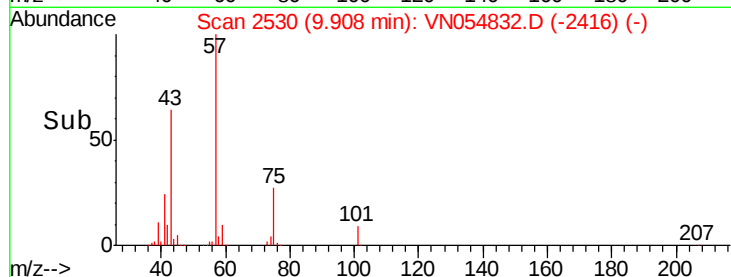
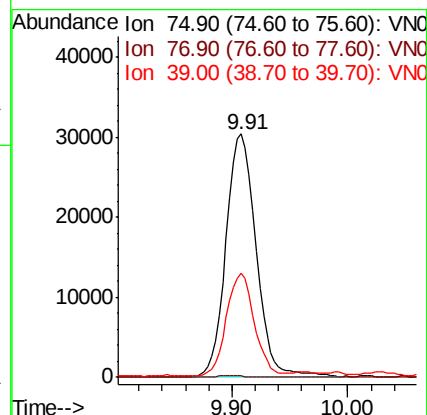
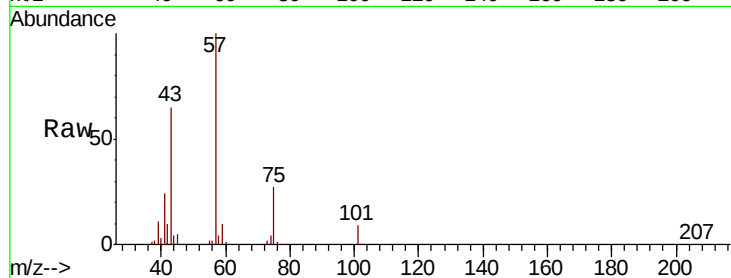


#54

cis-1,3-Dichloropropene
 Concen: 6.545 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054832.D
 Acq: 31 Mar 2019 5:17

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-032819-B

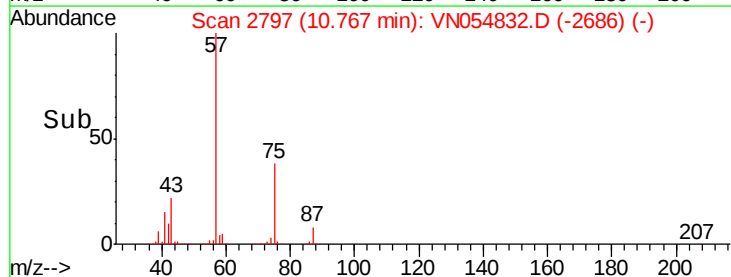
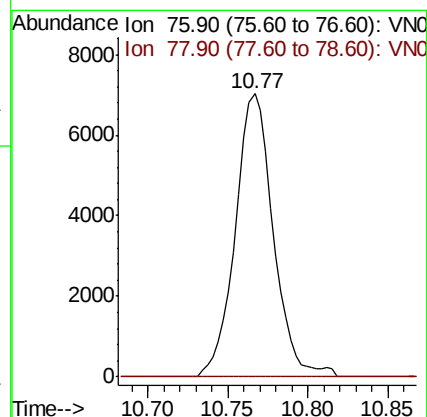
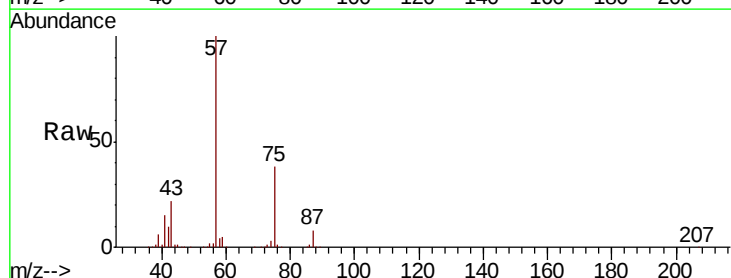
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.4	38.0#
39	42.0	37.2	55.8

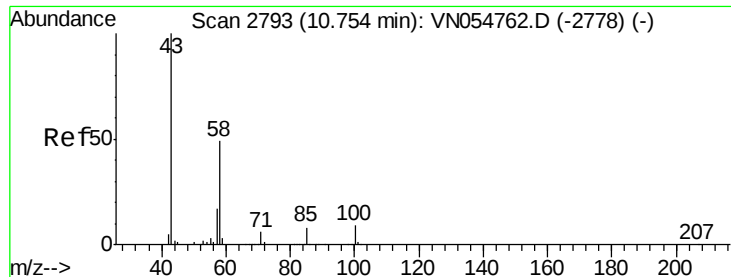


#57

1,3-Dichloropropane
 Concen: 1.331 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054832.D
 Acq: 31 Mar 2019 5:17

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#





#59

2-Hexanone

Concen: 54.540 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

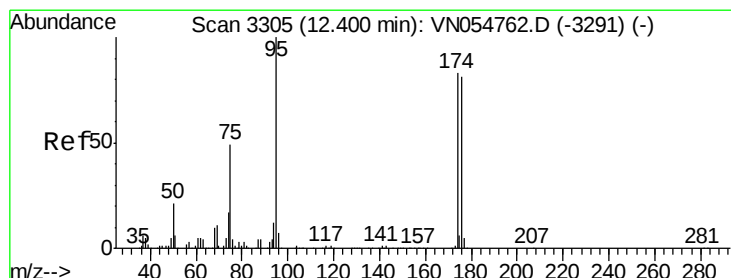
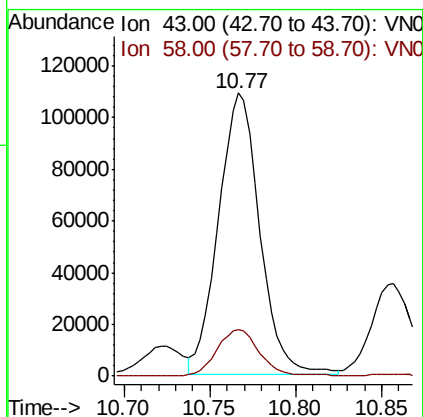
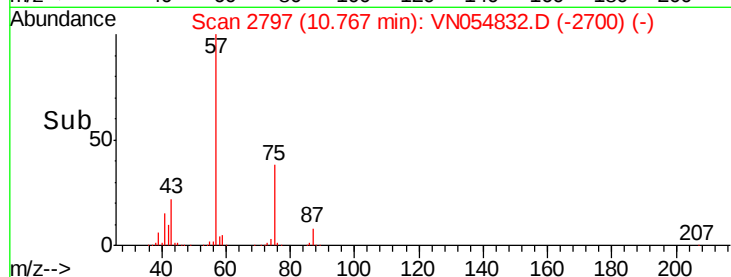
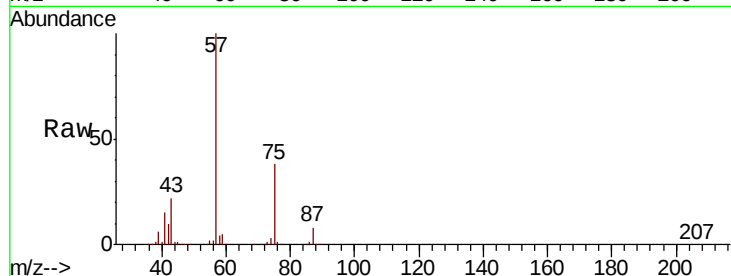
AU-06-032819-B

Tot Ion: 43 Resp: 183022

Ion Ratio Lower Upper

43 100

58 17.0 28.0 83.9#



#62

4-Bromofluorobenzene

Concen: 44.772 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

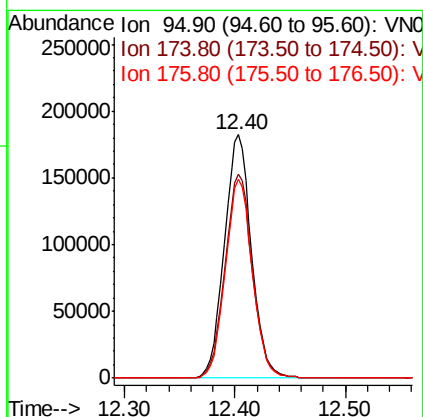
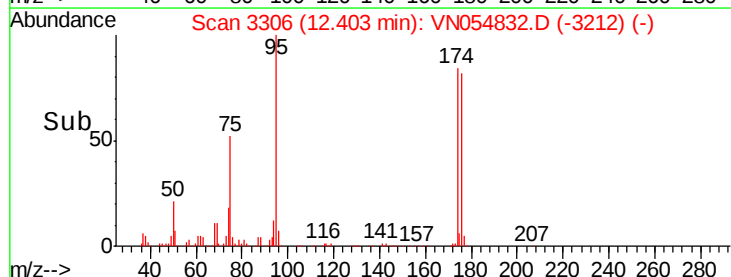
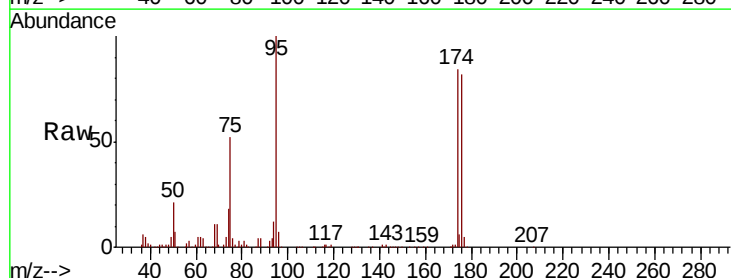
Tgt Ion: 95 Resp: 309924

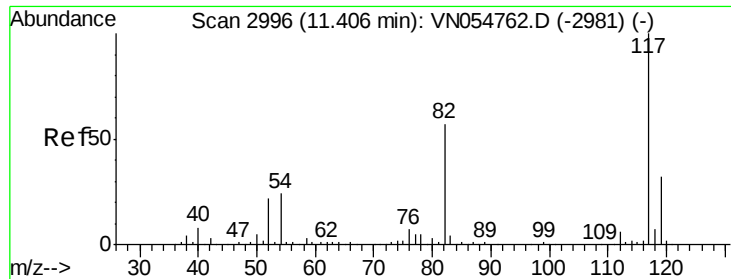
Ion Ratio Lower Upper

95 100

174 84.9 0.0 191.0

176 81.8 0.0 187.4

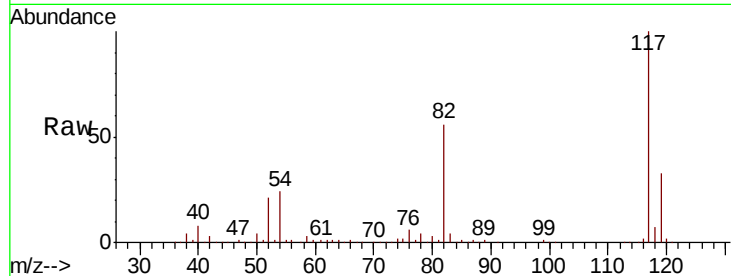




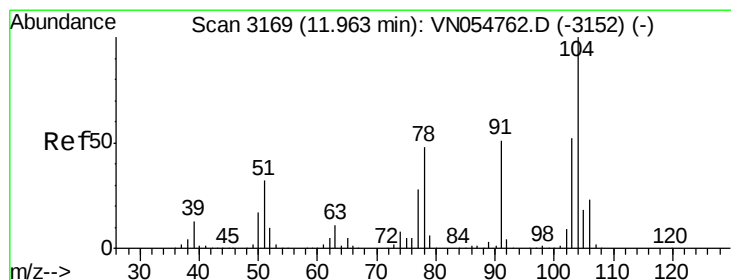
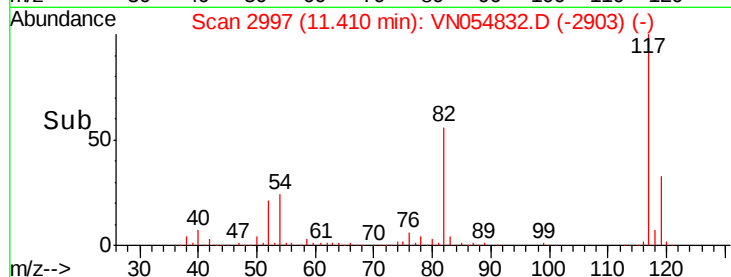
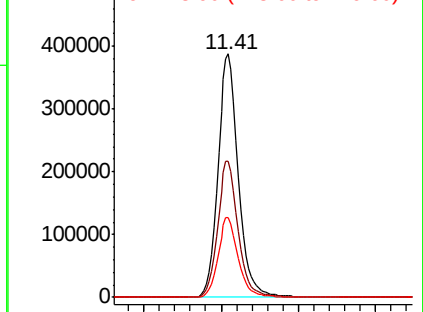
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument :
MSVOA_N
ClientSampled :
AU-06-032819-B

Tot Ion:117 Resp: 714405
Ion Ratio Lower Upper
117 100
82 56.1 40.0 60.0
119 33.0 25.8 38.6

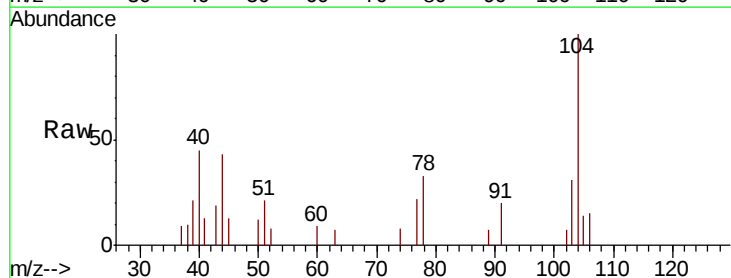


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

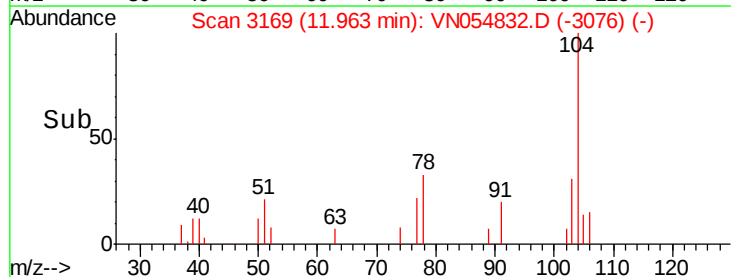
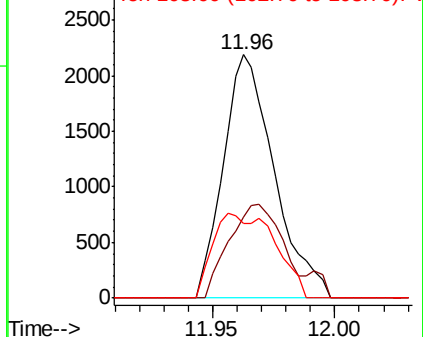


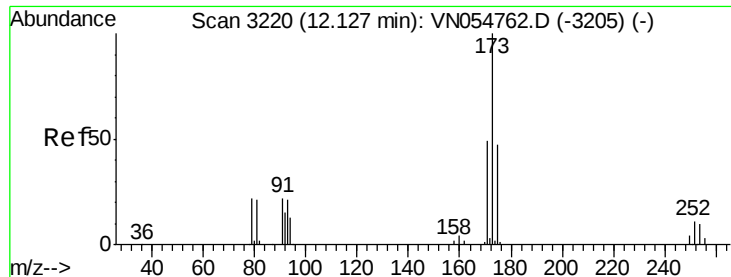
#70
Styrene
Concen: 0.217 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion:104 Resp: 3173
Ion Ratio Lower Upper
104 100
78 43.9 38.2 57.2
103 42.6 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.231 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

AU-06-032819-B

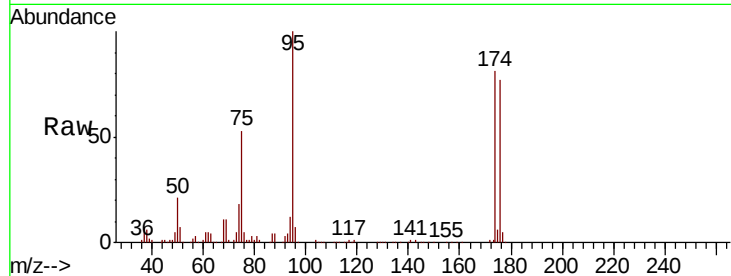
Tot Ion:173 Resp: 710

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.2#

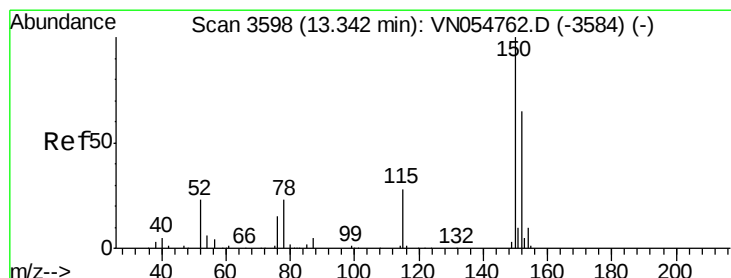
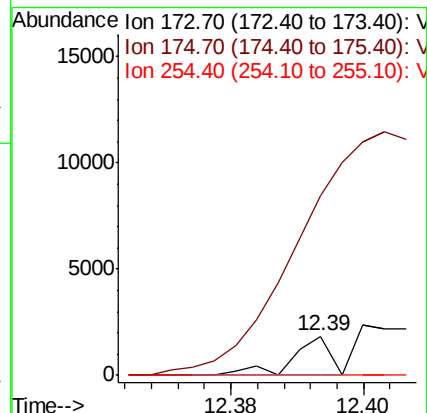
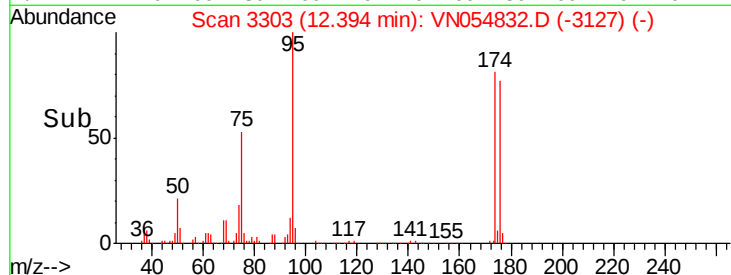
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

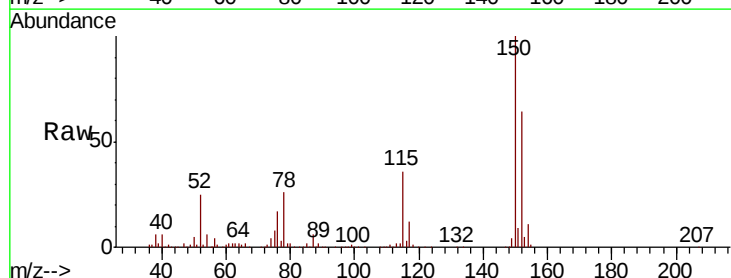
Tgt Ion:152 Resp: 261578

Ion Ratio Lower Upper

152 100

115 57.8 27.2 81.6

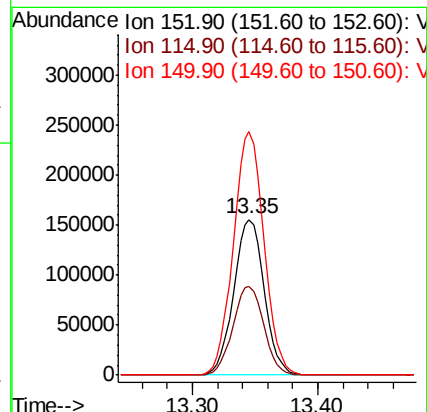
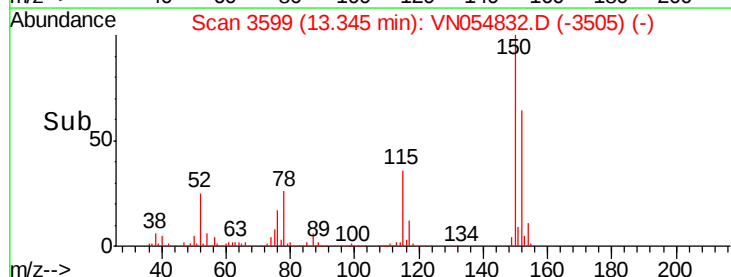
150 157.5 0.0 349.2

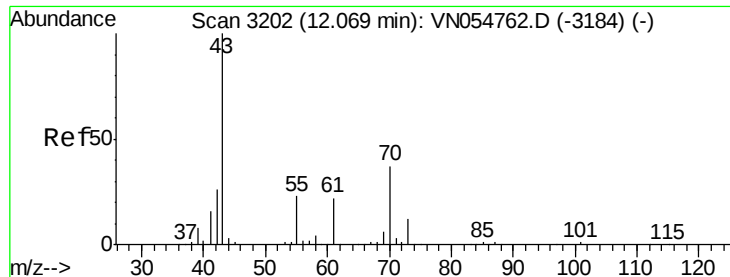


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.796 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

AU-06-032819-B

Tot Ion: 43 Resp: 18625

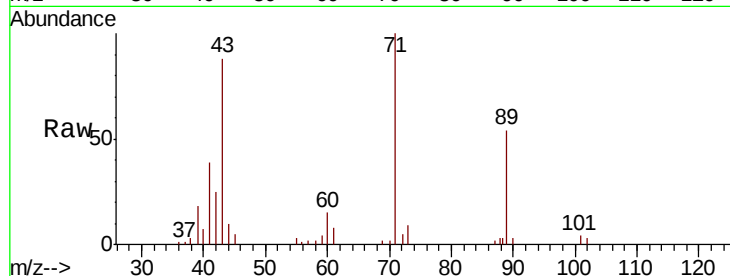
Ion Ratio Lower Upper

43 100

70 1.2 35.4 53.0#

55 5.0 19.8 29.6#

61 9.0 19.8 29.6#

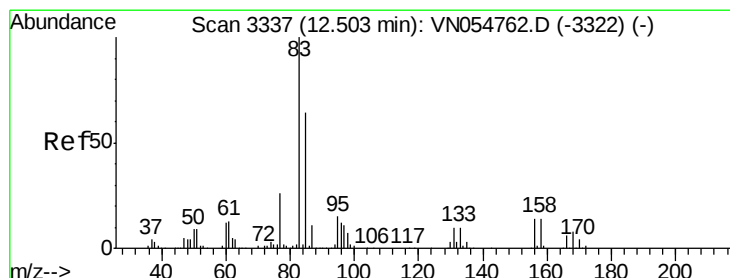
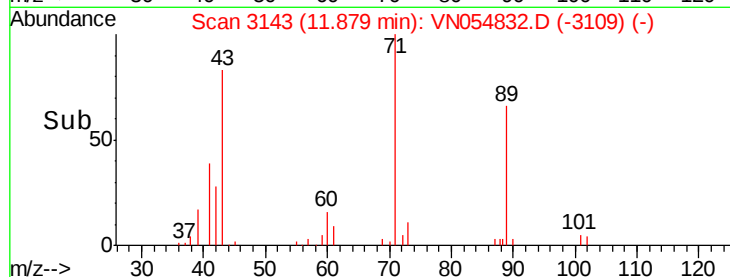
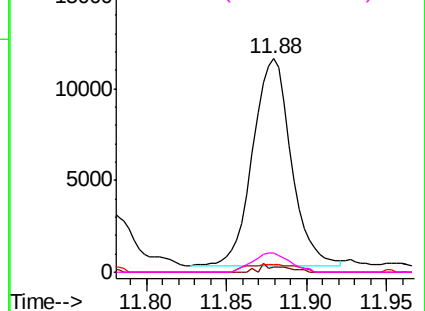


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.10 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

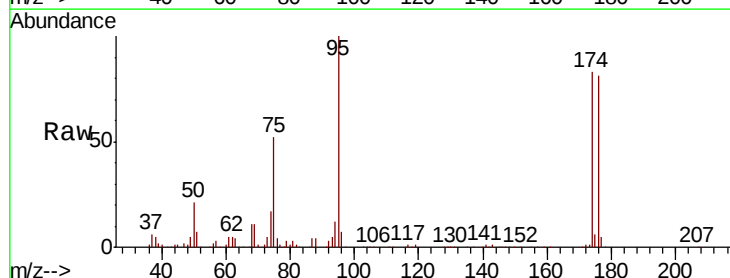
Tgt Ion: 83 Resp: 99

Ion Ratio Lower Upper

83 100

131 611.1 5.8 17.4#

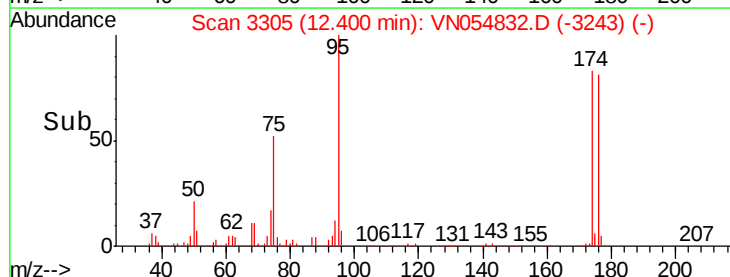
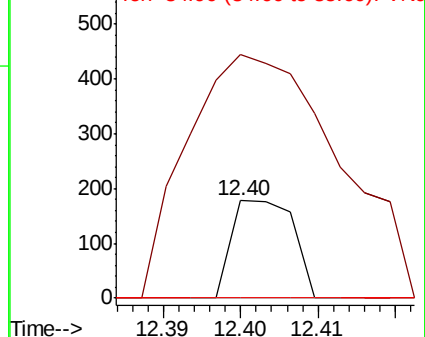
85 0.0 32.2 96.6#

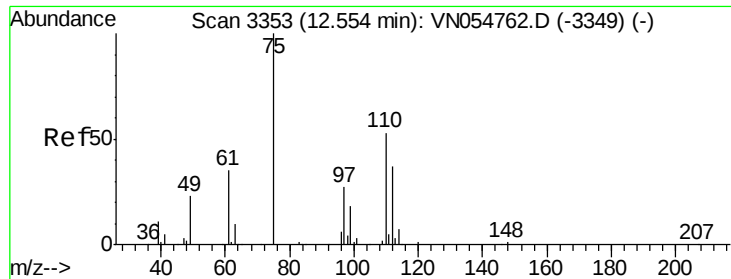


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 35.429 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

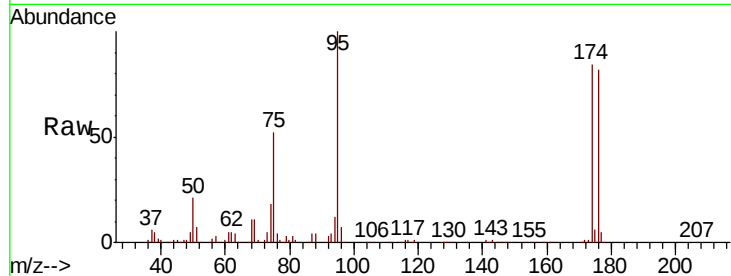
AU-06-032819-B

Tot Ion: 75 Resp: 160995

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054762.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN054762.D (-3349) (-)

12.40

100000

80000

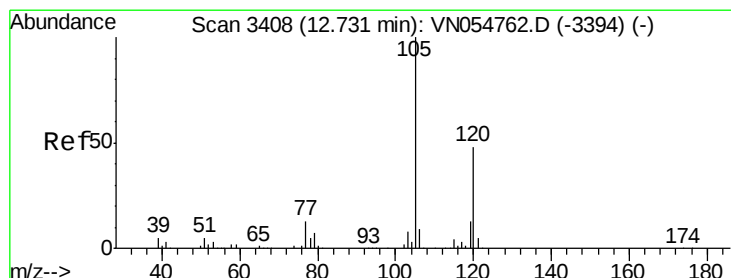
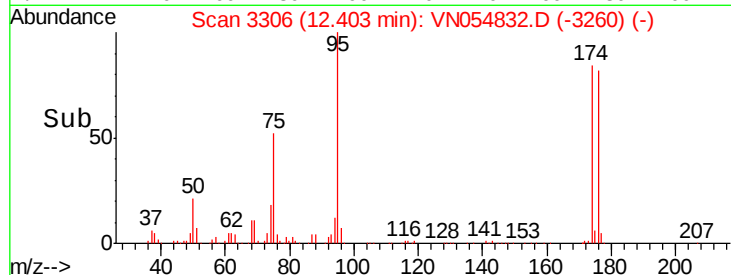
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.285 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054832.D

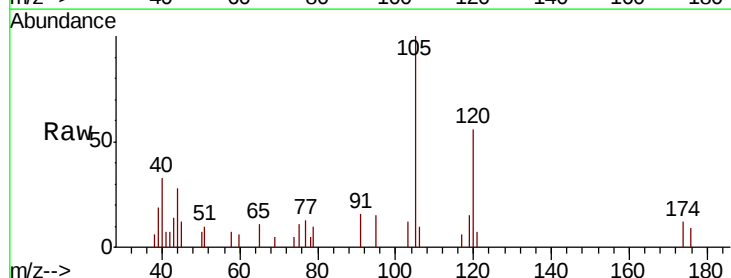
Acq: 31 Mar 2019 5:17

Tgt Ion: 105 Resp: 4994

Ion Ratio Lower Upper

105 100

120 48.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054762.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054762.D (-3394) (-)

12.73

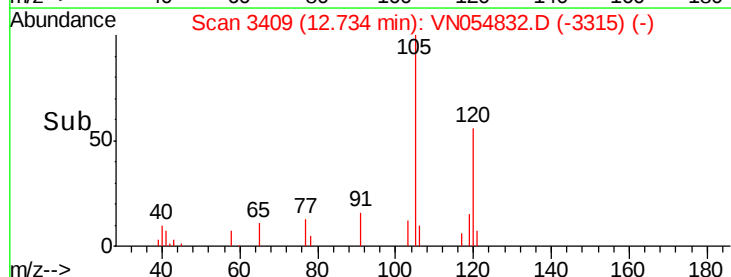
3000

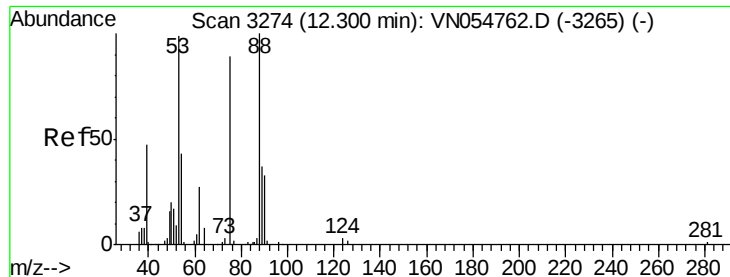
2000

1000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 137.808 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

AU-06-032819-B

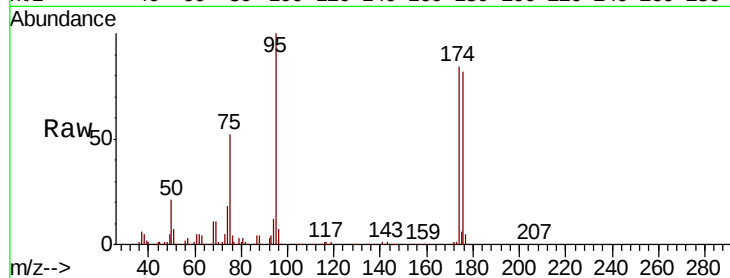
Tot Ion: 75 Resp: 160995

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

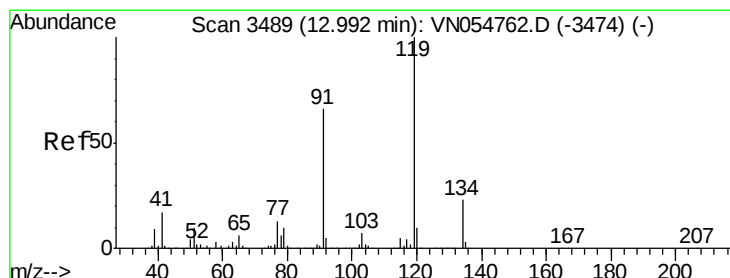
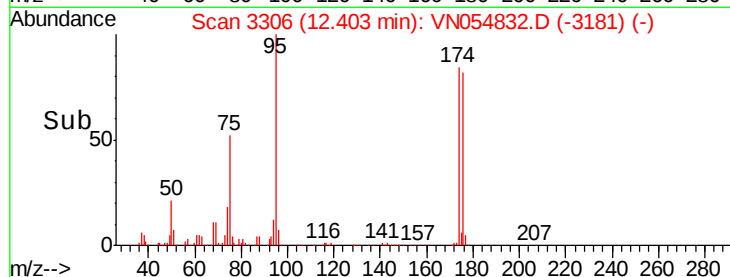
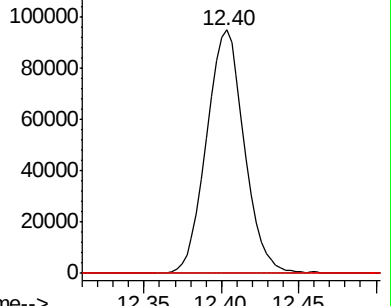
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054832.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054832.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054832.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3505

Delta R.T. 0.05 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

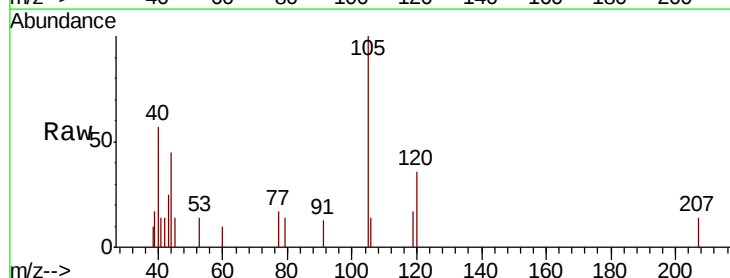
Tgt Ion: 119 Resp: 250

Ion Ratio Lower Upper

119 100

91 91.6 30.9 92.8

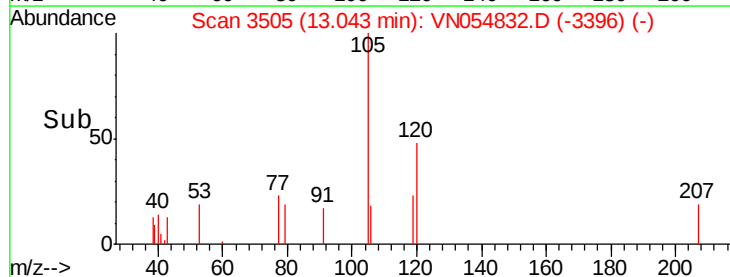
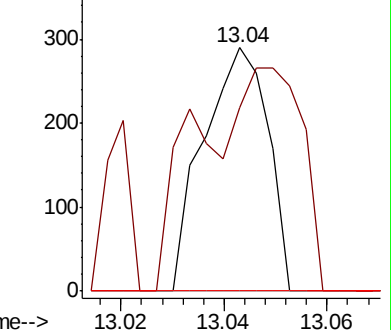
134 0.0 13.2 39.6#

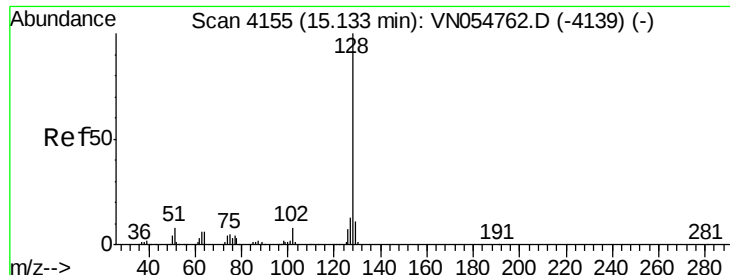


Abundance Ion 119.00 (118.70 to 119.70): VN054832.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN054832.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN054832.D (-3396) (-)





#95

Naphthalene

Concen: 4.009 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054832.D

Acq: 31 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

AU-06-032819-B

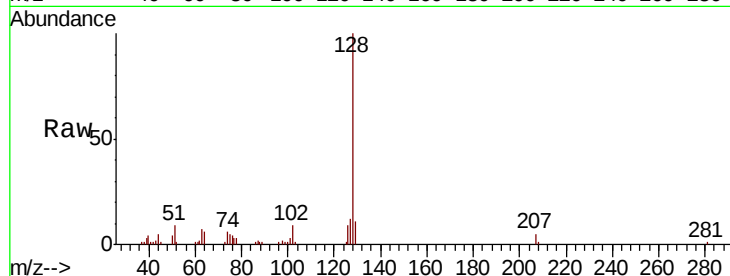
Tot Ion:128 Resp: 37793

Ion Ratio Lower Upper

128 100

127 13.7 10.1 15.1

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

